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**Lie triple supersystems associated with Maltsev superalgebras.** (Supersystèmes triples de Lie associés aux superalgèbres de Malcev.) (French) [Zbl 1106.17309](#)

*Afr. Mat.*, Sér. III 14, 19-30 (2002).

The authors continue their study on Mal'tsev superalgebras on a field  $K$  of characteristic zero [see *Afr. Mat.*, Sér. III 14, 5–17 (2002; [Zbl 1106.17308](#)); *A. Ouedraogo*, *ibid.* 14, 45–51 (2002; [Zbl 1034.49046](#))]. The properties of Mal'tsev super-representations and weak super representation are given. The notion of representation of Lie triple super systems is defined and it is proved that a super-representation of a Mal'tsev superalgebra  $M$  is a super-representation of the Lie triple super systems associated with  $M$ .

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**MSC:**

[17D10](#) Mal'tsev rings and algebras

[17A40](#) Ternary compositions

[17A70](#) Superalgebras

**Keywords:**

Mal'tsev superalgebras; Mal'tsev super-representations; Lie triple supersystems